

Title (en)

METHOD AND APPARATUS FOR AUTOMATICALLY PRODUCING TUBULAR KNITWEAR ITEMS PROVIDED WITH ONE OR MORE COMPLETE OPENINGS OR BRACES AND PRODUCTS OBTAINED THEREBY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUTOMATISCHEN HERSTELLUNG VON SCHLAUCHFÖRMIGEN STRICKWAREN MIT EINEM ODER MEHREREN ÖFNUNGEN ODER TRÄGER UND DAMIT ERHALTENE PRODUKTE

Title (fr)

PROCEDE ET APPAREIL DE PRODUCTION AUTOMATIQUE D'ARTICLES DE BONNETERIE TUBULAIRES PRESENTANT UNE OU PLUSIEURS OUVERTURES OU ATTACHES, ET PRODUITS AINSI OBTENUS

Publication

EP 1157151 A1 20011128 (EN)

Application

EP 00911241 A 20000301

Priority

- IT 0000063 W 20000301
- IT CO990009 A 19990303

Abstract (en)

[origin: WO0052244A1] The invention relates to tubular knitwear items complete with shoulder straps, braces and various openings for legs or arms manufactured preferably without the usual cutting and sewing operations. Through the appropriate selection of needles, in accordance with the jacquard design and with the operating cycle of the knitting machine, the invention allows the separation and automatic programmed resumption of stitch rows for defined areas or zones, thereby obtaining at least a complete opening (5, 5A) or brace, provided with simple or also double welt, depending on circumstances. Lastly, the invention eliminates nearly completely the usual and costly fabric scrap deriving from the current necessary cutting and sewing operations.

IPC 1-7

D04B 1/24

IPC 8 full level

D04B 1/24 (2006.01)

CPC (source: EP KR)

D04B 1/24 (2013.01 - EP); **D04B 1/243** (2013.01 - EP); **D04B 1/246** (2013.01 - EP); **D04B 9/44** (2013.01 - KR); **D10B 2403/0113** (2013.01 - EP); **D10B 2501/02** (2013.01 - EP); **D10B 2501/042** (2013.01 - EP)

Citation (examination)

- FR 2220150 A5 19740927 - TEXTIL FINANC AUXILIAIRE [FR]
- EP 0926285 A2 19990630 - SANTONI & C SPA [IT]
- See also references of WO 0052244A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0052244 A1 20000908; AU 3322700 A 20000921; CA 2363117 A1 20000908; CN 1195113 C 20050330; CN 1342227 A 20020327; EP 1157151 A1 20011128; IL 144918 A0 20020630; IT CO990009 A0 19990303; IT CO990009 A1 20000903; JP 2002538324 A 20021112; KR 20010102182 A 20011115

DOCDB simple family (application)

IT 0000063 W 20000301; AU 3322700 A 20000301; CA 2363117 A 20000301; CN 00804508 A 20000301; EP 00911241 A 20000301; IL 14491800 A 20000301; IT CO990009 A 19990303; JP 2000602851 A 20000301; KR 20017010385 A 20010816